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§ 32.75-10 Cargo tanks—TB/ALL.

Cargo tanks shall be independent of the wood hull, shall be made of steel or iron, and shall pass the tests required in § 32.65-40 (a), (b). Where cargo tanks in wood hulls are not arranged to provide working space around them they shall be so constructed as to allow inspection of the hull, tanks, and bilges, and they shall be so installed that they can be moved to allow repairs to the hull structure and to themselves.

§ 32.75-15 Electric bonding and grounding for tanks—TB/ALL.

All independent cargo tanks in wood hull tank vessels shall be electrically bonded together with stranded copper cable of not less than No. 4B and S gage and one end of this cable shall be grounded to a copper or brass plate of not less than 2 square feet in area and one-sixteenth inch in thickness and this plate shall be securely fastened to the hull, on the outside, at a point where it shall be covered by water when the tank vessel is unloaded.

§ 32.75-20 Hold spaces and bulkheads—TB/ALL.

In wood hull tank vessels containing independent cargo tanks for the transportation of Grade A, B, C, or D liquids, the hold spaces shall be considered as equivalent to a pumproom and shall be safeguarded as such as required by § 32.65-20. Where the hold spaces contain equipment or operations which are sources of vapor ignition, such equipment or operations shall be isolated from other spaces by gastight bulkhead or, if it is impracticable to construct a gastight bulkhead, two structurally tight bulkheads without openings, separated by a well-ventilated air space 24 inches wide, where possible may be used.

Subpart 32.80—Tank Barges Constructed of Materials Other Than Steel or Iron

§ 32.80-1 General requirements—B/ALL.

All tank barges with hulls constructed of materials other than iron or steel, the construction or conversion of which was started prior to Sep-

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tember 2, 1945, and to which certificates of inspection were issued prior to March 2, 1946, shall be considered the same as tank barges constructed prior to November 10, 1936.

Subpart 32.85—Lamp and Paint Rooms and Similar Compartments on Tankships

§ 32.85-1 Fireproofing of lamp, oil and paint rooms—T/ALL.

Lamp, oil and paint rooms shall be wholly and tightly lined with metal.

Subpart 32.90—Pilot Boarding Equipment

§ 32.90-1 Pilot boarding equipment.

(a) This section applies to each vessel that normally embarks or disembarks a pilot from a pilot boat or other vessel.

(b) Each vessel must have suitable pilot boarding equipment available for use on each side of the vessel. If a vessel has only one set of equipment, the equipment must be capable of being easily transferred to and rigged for use on either side of the vessel.

(c) Pilot boarding equipment must be capable of resting firmly against the vessel's side and be secured so that it is clear from overboard discharges.

(d) Each vessel must have lighting positioned to provide adequate illumination for the pilot boarding equipment and each point of access.

(e) Each vessel must have a point of access that has:

(1) A gateway in the rails or bulwark with adequate handholds; or

(2) Two handhold stanchions and a bulwark ladder that is securely attached to the bulwark rail and deck.

(f) The pilot boarding equipment required by paragraph (b) of this section must include at least one pilot ladder approved under subpart 163.003 of this chapter. Each pilot ladder must be of a single length and capable of extending from the point of access to the water's edge during each condition of loading and trim, with an adverse list of 15°.

(g) Whenever the distance from the water's edge to the point of access is more than 30 feet, access from a pilot ladder to the vessel must be by way of

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an accommodation ladder or equally safe and convenient means.

(h) Pilot hoists, if used, must be approved under subpart 163.002 of this chapter.

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PART 34—FIREFIGHTING EQUIPMENT

Subpart 34.01—General

- 34.01-1 Applicability—TB/ALL.
- 34.01-5 Equipment installed but not required—TB/ALL.
- 34.01-10 Protection for unusual arrangements or special products—TB/ALL.
- 34.01-15 Incorporation by reference.

Subpart 34.05—Firefighting Equipment, Where Required

- 34.05-1 Fire main system—T/ALL.
- 34.05-5 Fire-extinguishing systems—T/ALL.
- 34.05-10 Portable and semiportable extinguishers—TB/ALL.
- 34.05-20 Fire axes—T/ALL.

Subpart 34.10—Fire Main System, Details

- 34.10-1 Application—TB/ALL.
- 34.10-5 Fire pumps—T/ALL.
- 34.10-10 Fire station hydrants, hose and nozzles—T/ALL.
- 34.10-15 Piping—T/ALL.
- 34.10-90 Installations contracted for prior to May 26, 1965—T/ALL.

Subpart 34.13—Steam Smothering System

- 34.13-1 Application—T/ALL.

Subpart 34.15—Carbon Dioxide Extinguishing Systems, Details

- 34.15-1 Application—T/ALL.
- 34.15-5 Quantity, pipe sizes, and discharge rates—T/ALL.
- 34.15-10 Controls—T/ALL.
- 34.15-15 Piping—T/ALL.
- 34.15-20 Carbon dioxide storage—T/ALL.
- 34.15-25 Discharge outlets—T/ALL.
- 34.15-30 Alarms—T/ALL.
- 34.15-35 Enclosure openings—T/ALL.
- 34.15-40 Pressure relief—T/ALL.
- 34.15-90 Installations contracted for prior to January 1, 1962—T/ALL.

Subpart 34.17—Fixed Foam Extinguishing Systems, Details

- 34.17-1 Application—T/ALL.
- 34.17-5 Quantity of foam required—T/ALL.
- 34.17-10 Controls—T/ALL.
- 34.17-15 Piping—T/ALL.
- 34.17-20 Discharge outlets—T/ALL.

- 34.17-25 Additional protection required—T/ALL.
- 34.17-90 Installations contracted for prior to January 1, 1962—T/ALL.

Subpart 34.20—Deck Foam System, Details

- 34.20-1 Application—T/ALL.
- 34.20-3 Cargo area definition—T/ALL.
- 34.20-5 Quantity of foam required—T/ALL.
- 34.20-10 Controls—T/ALL.
- 34.20-15 Piping—T/ALL.
- 34.20-20 Discharge outlets—T/ALL.
- 34.20-25 Foam monitor capacity—T/ALL.
- 34.20-90 Installations contracted for prior to January 1, 1970—T/ALL.

Subpart 34.25—Water Spray Extinguishing Systems, Details

- 34.25-1 Application—T/ALL.
- 34.25-5 Capacity and arrangement—T/ALL.
- 34.25-10 Controls—T/ALL.
- 34.25-15 Piping—T/ALL.
- 34.25-20 Spray nozzles—T/ALL.
- 34.25-90 Installations contracted for prior to January 1, 1964—T/ALL.

Subpart 34.30—Automatic Sprinkler Systems, Details

- 34.30-1 Application—TB/ALL.

Subpart 34.50—Portable and Semiportable Extinguishers

- 34.50-1 Application—TB/ALL.
- 34.50-5 Classification—TB/ALL.
- 34.50-10 Location—TB/ALL.
- 34.50-15 Spare charges—TB/ALL.
- 34.50-20 Semiportable fire extinguishers—TB/ALL.
- 34.50-90 Vessels contracted for prior to January 1, 1962—TB/ALL.

Subpart 34.60—Fire Axes

- 34.60-1 Application—T/ALL.
- 34.60-5 Number required—T/ALL.
- 34.60-10 Location—T/ALL.

AUTHORITY: 46 U.S.C. 3306, 3703; E.O. 12234, 45 FR 58801, 3 CFR, 1980 Comp., p. 277; 49 CFR 1.46.

SOURCE: CGFR 65-50, 30 FR 16694, Dec. 30, 1965, unless otherwise noted.

Subpart 34.01—General

§ 34.01-1 Applicability—TB/ALL.

(a) The provisions of this part shall apply to all tank vessels except as otherwise noted in this part.

[CGFR 65-50, 30 FR 16694, Dec. 30, 1965, as amended by CGD 88-032, 56 FR 35821, July 29, 1991]